

PI 589044. *Malus domestica* Borkh.

Hunter Melba 4X. Pedigree - Wholly tetraploid mutation of Melba; chromosomes doubled with colchicine about 1955. Comments:: Fruit: similar to Melba, except larger, 70-85 mm; more bitter pit. Tree: more open growth habit than Melba. Wholly tetraploid mutation of Melba.

The following were developed by Charles Applegate, Monmouth County, Freehold, New Jersey, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589045. *Malus domestica* Borkh.

Monmouth Beauty. Pedigree - Introduced 1925. Comments:: Fruit: size large, 75-90mm; skin 50-90% red, striped; shape round-oblate; flesh soft to semifirm, nearly white to cream-colored; flavor slightly acid; eating quality fair; harvest season mid-September, 3 wks before Delicious. Tree: productive; annual cropping. Large, red, semifirm, fair, quality. R.D. Way, 1992.

The following were developed by Samuel Greatorex, Knighton, England, United Kingdom. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589046. *Malus domestica* Borkh.

Annie Elizabeth. Pedigree - Blenheim orange x o.p. Raised by Samuel Greatorex. Introduced by Harrison's, Leicester about 1868. (Maybe from Blenheim orange). Comments:: Size large 95:80 mm; shape flat to intermediate, rectangular to conic, convex, ribbed at eye and on body; skin yellow flushed and striped red, greasy, hammered, tough; flesh firm tender, white; flavor acid; season very late; tree upright; very large, late red. Speckled and stripes with grey-red to pink; culinary; crisp, coarse.

The following were developed by Daniel D. Tyron, Pulaski, New York, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589047. *Malus domestica* Borkh.

Farmer Spy. Pedigree - A red-fruited mutation of Northern Spy; discovered 1904; introduced 1910. Comments:: Fruit: indistinguishable from Northern Spy, except redder color; color pattern blushed; redder than most other red sports of Northern Spy. A red sport of Northern Spy.

The following were donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589048. *Malus domestica* Borkh.

Red Westfield Seek-No-Further. Pedigree - Red-fruited mutation of Westfield Seek-No-Further; described 1869. Comments:: Fruit and tree indistinguishable from Westfield Seek-No-Further, except fruit redder, 80% dull red blush; some branches revert to normal Westfield Seek-No-Further. Red-fruited mutation of Westfield Seek-No-Further. --R.D. Way, 1992.